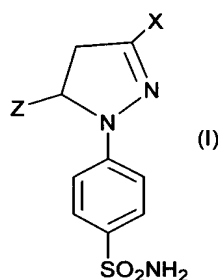


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1-(4-SULFAMYLARYL)-3-SUBSTITUTED-5-ARYL-2-PYRAZOLINES AS INHIBITORS OF CYCLOOXYGENASE-2

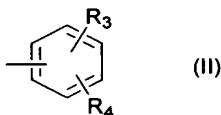
Abstract of the Disclosure

Compounds of the formula



wherein:

X is selected from the group consisting of trihalomethyl, C₁-C₆ alkyl, and a group of formula II:



wherein:

R₃ and R₄ are independently selected from the group consisting of hydrogen; halogen; hydroxyl; nitro; C₁-C₆ alkyl; C₁-C₆ alkoxy; carboxy; C₁-C₆ trihaloalkyl; and cyano;

Z is selected from the group consisting of substituted and unsubstituted aryl; or a pharmaceutically acceptable salt thereof. The compounds are inhibitors of cyclooxygenase-2 activity. They are useful for treating cyclooxygenase-mediated disorders, including, for example, inflammation, neoplastic disorders and angiogenesis-mediated disorders.

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